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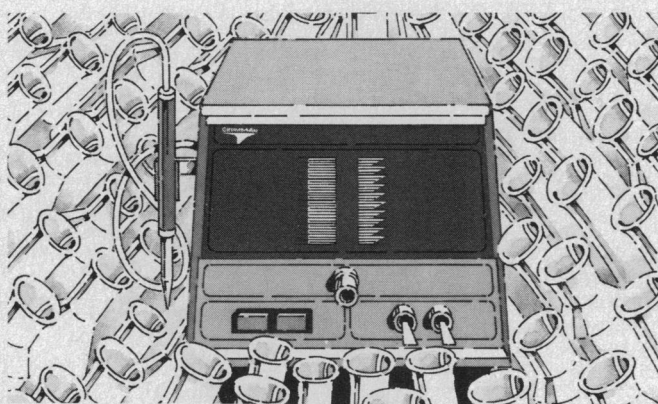
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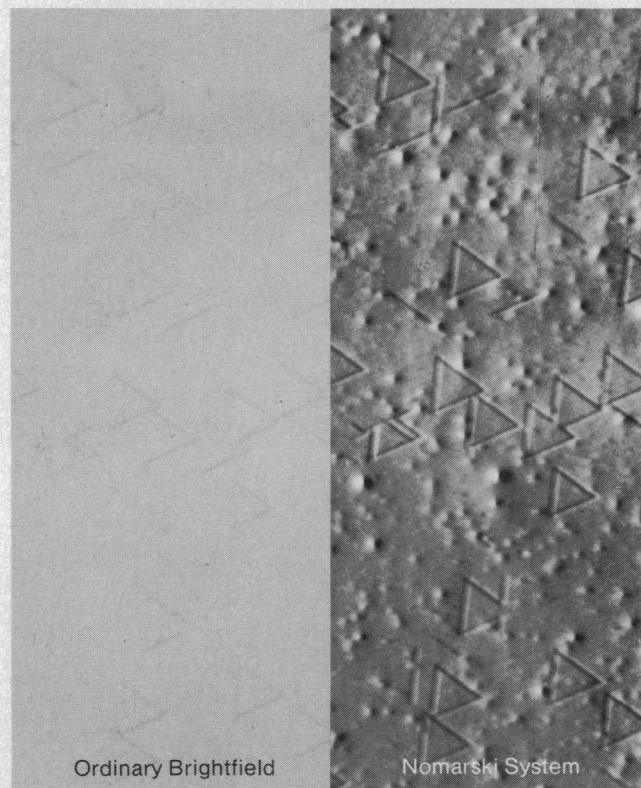
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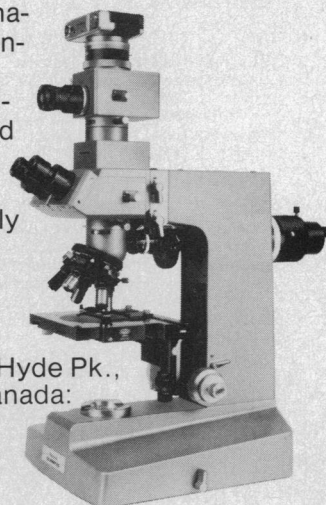


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Personnel Placement

POSITIONS WANTED

Biochemist, Ph.D. Three years of postdoctoral experience in enzyme purification, kinetics, metabolic regulation, tissue culture, protein chemistry, analytical methodology; teaching experience; ten papers. Seeks research/teaching experience. Box 63, SCIENCE. X

Biochemist/Molecular Biologist, Ph.D. (December 1975). Experience: eukaryotic regulation of protein biosynthesis, protein/nucleic acid isolation, tissue culture, and so forth. Seeks postdoctoral training in the biochemistry of early mammalian embryo development. Box 64, SCIENCE. 2/13, 20

Biomathematics. Ph.D. (May 1976). Teaching and math. Modeling applications to community health or related fields. Three years of teaching, 2 years of biomedical research laboratory experience. I. J. Shiffer, Department of Statistics, North Carolina State University, Raleigh, N.C. 27607. X

Biomedical Engineer. Ph.D. with M.S.E.E., specializing in physiologic instrumentation, including design, development, teaching, manufacturing, and marketing. Scientific research and business management experience with many publications. Seeks research, teaching, and/or management position in academia or industry. Box 65, SCIENCE. X

Multidisciplinary Chemist/Biochemist, Ph.D., seeks new challenge in high administrative position in industry or university. Presently full professor at major university, internationally known, 25 years of experience in research, teaching, administration, consulting. Over 100 publications, fluent in several languages. Willing to relocate anywhere. Box 66, SCIENCE. X

Clinical Biochemist. Ph.D. Member AACC, Board-eligible. Two years postdoctoral in clinical chemistry. Director chemistry university hospital. Responsible for service, also training of residents and medical technologists. Certified by New York State as lab director in clinical chemistry. Seeks challenging position in hospital, private laboratory, or industry. Box 36, SCIENCE. 2/13, 20

Ecologist, Ornithologist. Ph.D. Full professor, seeks challenging teaching/research. Publications, graduate students. Box 67, SCIENCE. X

Electron Microscopist/Biophysical Chemist, Ph.D. Reconstituted liposomes, bacterial membrane experience. Freeze-etch expert. Extensive DNA electron microscopy work (Kleinschmidt, BAC, and bare film techniques), atomic resolution dark-field experience. Molecular biology position wanted. Box 68, SCIENCE. 2/13, 27

Ethologist, M.A., Ph.D. 1976. Laboratory/field experience and interest in behavioral biology, animal social systems, and human evolution with chimpanzee field work. Desires research/teaching position in psychology, anthropology, or zoology. Contact: H. Bauer, Primate Group, TD114, Stanford University, Stanford, California 94305. X

Microbiologist/Cell Biologist. Ph.D., now in academic position at a health sciences center. Experience includes: teaching at several levels, publications, editorial board service, prior and presently funded research. Seeks teaching/research position in a biology department. Box 69, SCIENCE. X

Organ Culture/Electron Microscopy. Ph.D. Three years as head of organ culture facility. Seeks challenging position in industry or large university in Baltimore-Washington area. Box 70, SCIENCE. X

POSITIONS WANTED

Pharmacologist. Ph.D., 1970; autonomic and cardiovascular pharmacology; experience with whole animal, perfused organ, and bioassay techniques; cholinergic and catecholamine methodology including radiometric, fluorometric, and enzymatic assays; 5 years of postdoctoral experience. Seeks research and/or teaching position. Box 71, SCIENCE. X

Physiologist/Immunologist. Ph.D. Seeks teaching or teaching/research position. Five years of experience in immunological and surgical research. Three years of teaching experience. Publications. Box 72, SCIENCE. X

Regulatory Affairs Scientist. Ph.D. toxicology-pharmacology. Successful record FDA regulatory affairs. Experience Canadian and foreign registrations. Five years director, ethical pharmaceutical company. Twelve years administrative experience in drug and other industries. Box 53, SCIENCE. 2/13, 20

Science Editor, senior level. Fully experienced in all aspects, including planning, rewriting, editing, working with printers. Box 73, SCIENCE. 2/13, 20

Serologist. M.D., D.Sc. Desires research position in United States/Canada. Fifteen years of experience in immunohematology, genetics, cytogenetics, blood groups, serum groups, H2 and HL-A system immunology, immunoelectrophoresis, radioimmunoassay, raising antisera, bone marrow transplantation, and so forth. Box 74, SCIENCE. X

POSITIONS OPEN

ALGOLOGIST

The Botany Department hopes to fill a vacant position at the assistant professor level by August 1976. Research-oriented persons with Ph.D. who are able to initiate an active teaching and research program in algology and to assist in the general botany program are invited to apply. Interested applicants should send a curriculum vitae, most significant reprints, a short statement of projected research problems, and names of three references to:

Dr. Thomas J. Leonard
Department of Botany
University of Wisconsin-Madison
Madison, Wisconsin 53706

An Equal Opportunity/Affirmative Action Employer

ASSISTANT PROFESSORSHIPS IN MARINE BIOLOGY

Applications are sought from experimental plant scientists and animal physiologists to fill two new positions for fall 1976. Appointees are expected to establish vigorous research programs. Teaching is required in an area compatible with the interests of the appointee. Applications with curriculum vitae, transcripts, names of references, and summary of research interests should be sent to:

Chairperson
Department of Biology
University of Houston
Houston, Texas 77004

BIOCHEMIST

Position available immediately for experienced B.S. or M.S. junior scientist to work in a basic research group in the Merck Institute for Therapeutic Research. The group uses physical biochemistry (NMR, fluorescence, circular dichroism, ultraviolet spectroscopy) for studies related to rational design of drugs. Successful applicant must have experience in protein purification, enzymology, or related disciplines. This is a career opportunity with excellent prospects for professional and scientific advancement. Please send résumé, including salary requirements, in confidence, to: W. T. Jackson, Employment Supervisor.

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POSITIONS OPEN

**UNIVERSITY OF TRIPOLI
FACULTY OF PHARMACY
P.O. BOX 4022, TRIPOLI
LIBYAN ARAB REPUBLIC**

Academic vacancies for the year 1976-77.

The faculty of pharmacy of the University of Tripoli requires teaching staff members in the following fields:

Pharmaceutics
Pharmacognosy
Pharmacology
Industrial pharmacy
Medicinal and pharmaceutical chemistry

The appointee, who should have a Ph.D., will be expected to teach undergraduate courses in English and to participate in establishing modern research facilities in the new school of pharmacy.

The University of Tripoli offers competitive salaries based on qualification, experience, and background and attractive fringe benefits complemented by an environment geared to personal growth and development. Further details and conditions of appointments are available from the faculty.

Send application with complete curriculum vitae and the names of at least two references by 15 March 1976 to: **Academic Staff Affairs, University of Tripoli, General Administration, P.O. Box 398, Tripoli, Libyan Arab Republic.**

Table of Salaries

Grade	Start- ing rate	Maxi- mum rate	Amount of in- cre- ment	Num- ber of in- cre- ments
Assistant professor	4400	5000	100	6
Lecturers	4000	4600	100	6

ASSISTANT ADJUNCT PROFESSOR OR ASSOCIATE ADJUNCT PROFESSOR

Position available 1 September 1976 in field of mammalian biochemistry. Research and graduate teaching in comparative metabolism of toxicants related to mechanisms of toxicity. Ph.D. required in molecular biology, biochemistry, biochemical pharmacology, biochemical toxicology, or related field with at least 2 years of postdoctoral research experience in these areas. Preference given applicants with pulmonary biochemistry and inhalation toxicology background and published independent work. Opportunity to train graduate students and teach students in College of Medicine. Closing date for applications is 1 April 1976. *Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.* Submit complete curriculum vitae and names of at least three references to **Dr. Ronald C. Shank, Community and Environmental Medicine, College of Medicine, University of California, Irvine, Calif. 92717.**

ASSISTANT ADJUNCT PROFESSOR (CYTOGENETICS)

Research and graduate teaching position available 1 September 1976, University of California, Irvine. Collaborative research conducting cytogenetic studies in animals exposed to airborne toxins. Ph.D. required in cytology, biochemical genetics, or related fields plus at least 2 years of postdoctoral research including chromosome aberration analysis, mammalian cell culture, preparation of lymphocytes for chromosome analysis. Preference given applicants with pharmacology or inhalation toxicology background and published independent work. Research site at Toxic Hazards Research Unit, Wright-Patterson Air Force Base, Dayton, Ohio. Closing date for applications is 1 April 1976. *Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.* Submit complete curriculum vitae and names of at least three referees to **Dr. Ronald E. Rasmussen, Community and Environmental Medicine, California College of Medicine, University of California, Irvine, Calif. 92717.**

ASSISTANT PROFESSORSHIPS IN BIOCHEMISTRY available in the areas of immunochimistry, neurochemistry, molecular genetics or virology, hormones or molecular pharmacology, or biophysics. Applicants should have a strong background in chemistry and modern biology, postdoctoral experience, potential for developing a rigorous independent research program, and an ability and interest in teaching of graduate and medical students. Send résumé and references to **Dr. C. F. Strittmatter, Department of Biochemistry, Bowman Gray School of Medicine, Winston-Salem, North Carolina 27103. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

ASSISTANT PROFESSOR MARINE ECOLOGY-BOTANY

The Graduate Program in Ecology and the Department of Botany, University of Tennessee, Knoxville, are seeking candidates for a position in marine botany-ecology, preferably interested in estuarine ecosystems and phytoplankton. The joint appointment in botany and ecology will provide teaching opportunities at the graduate and undergraduate levels as well as research opportunities. Preference will be given to candidates experienced in both teaching and research. *The University is an Equal Opportunity/Affirmative Action Employer.* Please send applications and credentials to Dr. C. C. Amundsen, Graduate Program in Ecology, The University of Tennessee, Knoxville, Tenn. 37916. Applications cannot be considered or acknowledged after 5 March 1976.

POSITIONS AVAILABLE IN OCEANOGRAPHY

Openings at the assistant and associate professor rank in biological and chemical oceanography to teach at graduate level (M.S. and Ph.D.); Ph.D. required. Emphasis on coastal areas, estuaries, and large harbors. Quantitative orientation preferred: biological modeling, populations, productivity, dynamics, ichthyology, plankton, algae, geochemistry, pollution. Positions available August 1976. Send curriculum vitae by 31 March 1976 to: Dr. John C. Ludwick, Institute of Oceanography, Old Dominion University, Norfolk, Va. 23508. *An Affirmative Action/Equal Opportunity Employer.*

UNIVERSITY OF VICTORIA

Victoria, B.C., Canada
Department of Bacteriology and Biochemistry

The Department intends to make two visiting or sessional appointments (rank open) in microbiology and biochemistry, effective 1 July 1976. The appointments will be for 1 year in the first instance. The base salary for the rank of assistant professor is currently \$14,400 per annum. The successful candidates will be concerned primarily with undergraduate teaching. Some preference may be given to candidates with research interests in immunology, microbial or biochemical genetics, virology, clinical microbiology, enzymology, assembly of macromolecules and subunit interactions, or regulation and hormone action.

Applications, including a complete curriculum vitae and the names of three references, should be sent to the Chairman, Department of Bacteriology and Biochemistry, University of Victoria, Victoria, British Columbia, Canada, V8W 2Y2.

UNIVERSITY OF VICTORIA

Victoria, B.C., Canada
Department of Bacteriology and Biochemistry
Professor or Associate Professor

The University is seeking candidates with a strong academic background and broad experience in teaching and research in microbiology, immunology, or biochemistry. The appointment is effective 1 July 1976. The salary is negotiable and commensurate with rank. The successful candidate will have the opportunity to enter a subsequent competition to appoint a department chairperson effective 1 July 1977.

Applications, including a complete curriculum vitae and the names of three referees, should be sent to the Chairman, Department of Bacteriology and Biochemistry, University of Victoria, British Columbia, Canada, V8W 2Y2.

SIMON FRASER UNIVERSITY BRITISH COLUMBIA, CANADA DEPARTMENT OF BIOLOGICAL SCIENCES CELL BIOLOGIST

Applications are invited from suitably qualified persons. Qualifications: Ph.D. Nature of duties: teach cell physiology and develop a strong research program in the general area of cell differentiation and interaction. Salary and rank: assistant or possibly associate professor with salary commensurate with experience and qualifications. It is anticipated that the position will be available from September 1976. Letters of application, including curriculum vitae and the names and addresses of three referees, should be sent to Dr. J. M. Webster, Department of Biological Sciences, Simon Fraser University, Burnaby, B.C., Canada, V5A 1S6. Closing date for applications will be when the position is filled.

POSITIONS OPEN

ASSISTANT PROFESSOR

The Department of Pharmacology at the University of Connecticut Health Center is seeking a person with experience in research and teaching in the general area of cellular pharmacology. Candidates for assistant professor must have an M.D. or Ph.D. and at least 1 year of postdoctoral research experience.

Interested persons should send curriculum vitae, bibliography, and brief description of experience to: Dr. R. L. Volle, Department of Pharmacology, University of Connecticut Health Center, Farmington, Connecticut 06032.

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ASSISTANT/ASSOCIATE PROFESSOR OF ZOOLOGY AND EDUCATION, 1 September 1976; qualified for public school teacher certification, M.S. in biological science, Ph.D. and experience in public school preferred. Preference given candidates qualifying for full membership in graduate faculty. Responsible for methods of teaching biological sciences, graduate programs, and student teacher supervision. Send résumé and three reference letters to: Dr. J. Dunham, Department of Zoology, Iowa State University, Ames, Iowa 50011. Deadline: 28 February 1976. *Equal Opportunity/Affirmative Action Employer.*

BIOLOGY POSITIONS

Applications are invited for positions available in September 1976.

BOTANIST (Ph.D.) with particular emphasis in plant ecology.

Teaching responsibilities will include introductory-level courses and advanced offerings in quantitative and/or physiological areas.

GENETICIST/MOLECULAR BIOLOGIST (Ph.D.). Teaching responsibilities will include courses at the introductory level and advanced areas of genetic specialty.

Send résumé to Dr. Edward J. Herbert, Chairman, Department of Biology, University of Puget Sound, Tacoma, Washington 98416.

An Affirmative Action Employer

CHEMICAL OCEANOGRAPHER (ASSISTANT/ASSOCIATE PROFESSOR)

The School of Oceanography at Oregon State University announces a position in marine radioecology, trace element chemistry, or pollution chemistry of the oceans. Rank is dependent on qualifications. A Ph.D. in chemistry, chemical oceanography, or a related field plus at least 3 years of experience beyond Ph.D. in marine research and demonstrated ability to obtain research grants is required. Applications will be received until 15 March 1976. Send curriculum vitae, bibliography, statement of interests, and names of three professional references to John V. Byrne, Dean, School of Oceanography, Oregon State University, Corvallis, Oregon 97331. *An Equal Opportunity Employer.*

COORDINATOR FOR AFFIRMATIVE ACTION:

Applications are invited for an administrative/teaching faculty position in the Division of Agricultural and Life Sciences of the University of Maryland, College Park. The individual will be responsible to the office of the Provost and will give leadership in the recruitment and retention of minority students, assist in affirmative action coordination within the Division, and teach a course in one of the agricultural or biological disciplines, or chemistry or geology. Candidates holding an earned doctorate who have teaching and advising experience in one of the above disciplines are preferred. An exceptional candidate holding a master's may be considered.

Send résumé and the names of three references to John C. Ingangi, Division of Agricultural and Life Sciences, University of Maryland, College Park, Maryland 20742.

Applications and nominations received by 15 March 1976 are assured of full consideration.

The University of Maryland is an Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

UNIVERSITY OF SOUTH CAROLINA DEAN OF MEDICINE

The University of South Carolina invites applications from, and nominations of, qualified individuals for the position of dean of its medical school which is established in affiliation with the Columbia Veterans Administration Hospital under the authority of the Veterans Administration Medical School Assistance and Health Manpower Training Act of 1972. Letters of application or nomination should include a curriculum vitae.

Candidates should possess a medical degree and/or a doctoral degree in a basic medical science. Administrative experience and demonstrated qualities of leadership are essential.

Correspondence should be addressed to: Dr. James B. Caulfield, Department of Pathology, University of South Carolina School of Medicine, Columbia, South Carolina 29208.

The University of South Carolina offers equal opportunity in its employment, admissions, and educational activities, in compliance with Title IX and other civil rights laws.

The University of Washington plans to develop a resource facility in elemental microanalysis of biological tissues. We are recruiting a **DIRECTOR PLUS TWO TEAM MEMBERS**. The director should have developed new techniques in high spatial resolution electron microscopy of frozen and wet biological preparations and in energy dispersive analysis; he should have long experience in the physical and engineering sciences in research and teaching. One team member should be an accomplished and productive research cryobiologist skilled in the physical chemistry of ultrarapid freezing, thawing, and survival of cells and on molecular mobility during freezing. The other should be an experienced physicist who has developed techniques for energy dispersive and electron energy loss spectroscopy suitable for microanalysis of small subcellular regions. The team should provide evidence of previous collaboration with each other and with biological scientists. Apply to: J. B. Bassingthwaite, Director, Center for Bioengineering, University of Washington, Seattle, Wash. 98195.

An Equal Opportunity/Affirmative Action Employer

DIRECTOR DEPARTMENT OF BIOCHEMISTRY

Applications and nominations are invited for the position of director of the Department of Biochemistry in the Faculty of Medicine at Laval University. The department is responsible for undergraduate and graduate teaching of biochemistry in the medical school and has an active research program. Candidates must possess a Ph.D. or M.D. degree and have an established record of achievement in research and teaching in biochemistry or a closely related area. Fluency in French is a prerequisite. Submit application, including curriculum vitae, before 31 March 1976, to: Dr. Jean Couture, Vice-Dean, Faculty of Medicine, Laval University, Quebec 10, Quebec, Canada, G1K 7P4.

POSITIONS OPEN

Position: NUCLEAR MEDICINE TECHNOLOGY DIRECTOR for a new University-based B.S. program. Responsibilities: program implementation, instruction, and research in NMT. Qualifications: M.S. or Ph.D. in nuclear medicine or related areas; 2 or 3 years of clinical or instructional experience in NMT. Rank: associate or assistant professor; salary commensurate with experience. Position available immediately. Contact: **Dr. David G. Onn, Division of Health Sciences (Nuclear Medicine Technology), University of Delaware, Newark, Delaware 19711. An Equal Opportunity/Affirmative Action Employer.**

COMPREHENSIVE CANCER CENTER DIRECTOR. Major statewide program needs strong leadership by M.D. or Ph.D. Extensive experience in cancer field, including as principal investigator for significant research or demonstration. Management skill, mature judgment, ability to coordinate activities of multiple medical schools and major health agencies. Excellent opportunity in Chicago-based organization. Salary negotiable. Send curriculum vitae to **S. G. Taylor III, M.D., Illinois Cancer Council, 37 South Wabash Avenue, Chicago, Illinois 60603.**

DIRECTOR of VA Geriatric Research, Education and Clinical Center, one of six such centers in the country. Director will recruit faculty and staff and develop programs aimed at the study of dementia. Extensive financial resources and facilities at Seattle and American Lake VA hospitals. Center closely affiliated with the University of Washington School of Medicine.

Qualifications: M.D. or Ph.D. degree, expertise in the behavioral and/or neurosciences, a demonstrated or expressed interest in aging, and a background suitable for a senior academic appointment. Salary commensurate with experience. *The VA Hospital and the University of Washington are Equal Opportunity Employers.* Address inquiries (by 1 March) to **R. Friedel, M.D., Department of Psychiatry and Behavioral Sciences, RP-10, University of Washington, Seattle, Washington 98195.**

LAKE ONTARIO ENVIRONMENTAL LABORATORY SUNY College at Oswego

Seeks new **DIRECTOR** to supervise research, manage budgets, procure research contracts, and further develop the multidisciplinary environmental laboratory. Candidates must have Ph.D. with strong background in natural sciences, emphasizing water resource problems and research methodology; minimum of 2 years of experience in administration; college teaching experience desirable; demonstrated scholarship and grantsmanship. Competitive salary, extensive fringe benefits. *Affirmative Action Employer.* Closing date: 15 March.

Send curriculum vitae and names of three references, or write for additional information, to:

**LOTEL Director Search Committee
501 Culklin Hall
SUNY College at Oswego
Oswego, New York 13126
Telephone: 315-341-4077**

DIRECTOR OF CARDIOVASCULAR RESEARCH AND TRAINING CENTER. The School of Medicine at the University of Alabama Medical Center has available this position. Candidates should have an established career in cardiovascular research with experience in administration and teaching. Apply to **Cardiovascular Research and Training Center, Attention: Mr. Terry Holloway, Room 305 Zeigler Building, University of Alabama Medical Center, Birmingham, Alabama 35294. An Equal Opportunity/Affirmative Action Employer.** Expiration date for receipt of applications is 1 March 1976.

LABORATORIES OF ANATOMY DEPARTMENT OF ANIMAL BIOLOGY UNIVERSITY OF PENNSYLVANIA SCHOOL OF VETERINARY MEDICINE

Invites applications for a **faculty position in histology/developmental biology**, involving teaching and active research. Preference will be given to applicants, with Ph.D. and/or professional degree, whose research interests overlap both areas. Rank and salary commensurate with qualifications and experience. *Women and members of minority groups are especially encouraged to apply.* Submit curriculum vitae, representative reprints, and three letters of recommendation to: **Dr. David S. McDevitt, Laboratories of Anatomy, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pennsylvania 19174.**

POSITIONS OPEN

ENVIRONMENTAL BIOLOGIST

In physiological or population/quantitative area. Teaching general and advanced courses in specialty plus participation in general biology; research expected. Assistant professor with Ph.D.; temporary lecturer with degree essentially complete. Position available August 1976. Applications accepted until 20 March. Send curriculum vitae, letter statement of 5-year objectives, transcripts, and three references to: **Environmental Search Committee, Department of Biology, Indiana University-Purdue University at Indianapolis, Indianapolis, Indiana 46205. An Affirmative Action/Equal Opportunity Employer.**

EXPERIMENTAL PSYCHOLOGISTS. The Psychology Department, Northeastern University (Boston, Mass. 02115) is seeking the three best experimental psychologists who are interested in joining its ranks beginning fall 1976. The candidates will normally have expertise in quantitative methods and computer applications; they will be expected to contribute to undergraduate and graduate instruction, to pursue a program of research, and to supervise doctoral students. The candidate's interests should relate to one or more current departmental foci in learning and behavioral analysis, sensation and perception, neuropsychology, psycholinguistics, and personality. Some specializations of particular interest to the Department in this year's search are perception and psychophysics, language and communication, social psychology, and personality. The rank and salary of the appointment are negotiable. A brochure describing the faculty of the Department and their research is available on request. Interested scholars are invited to send curriculum vitae to **Harlan Lane, Chairman. We are an Equal Opportunity/Affirmative Action Employer.**

FACULTY POSITIONS IN MICROBIOLOGY

Candidates are sought for two positions to start 1 September 1976, one in **pathogenesis/immunology** and the other in either **microbial ecology** or **molecular genetics**. Appointments will be at instructor or assistant professor level. Applicants should be capable of teaching undergraduate courses in microbiology and establishing active research programs that involve undergraduates. Applications must be completed by 1 April 1976, and should include curriculum vitae and three letters of reference. Address correspondence to **Chair, Search Committee, Department of the Biological Sciences, Smith College, Northampton, Mass. 01060. An Equal Opportunity/Affirmative Action Employer.**

FACULTY POSITION IN OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

To assist in the development of a clinically oriented program in occupational and environmental medicine, conduct research in environmental medicine, and develop and participate in graduate teaching program in these areas.

Graduate training in occupational or environmental medicine (M.P.H.) required. Experience in clinical occupational medicine or eligibility therefore preferred. Position available immediately. *Women and minorities are encouraged to reply.* Send résumé and references to **Chairman, Department of Environmental Health, SC-34, University of Washington, Seattle, Wash. 98195.**

FACULTY POSITIONS UNIVERSITY OF CINCINNATI ENGINEERING ANALYSIS

The Department of Engineering Analysis anticipates the creation of a number of positions at the assistant or associate professor levels. The Department has responsibility for a number of areas including: theoretical mechanics, computer applications, engineering mathematics, and so forth. The starting date for these positions is 1 June 1976. Please send a résumé and a list of references to: **A. M. Strauss, Acting Head, Department of Engineering Analysis, M.L. #112, University of Cincinnati, Cincinnati, Ohio 45221.**

GROSS ANATOMIST

Position available at the instructor or assistant professor level. Opportunities greatest for active research in respiratory biology. Please send letter of application with curriculum vitae to **Dr. Donald H. Enlow, Chairman, Department of Anatomy, West Virginia University Medical Center, Morgantown, West Virginia 26506.**

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

GENETICIST DEPARTMENT OF BIOLOGY EMORY UNIVERSITY

Applications are invited for a position at the **assistant professor** level effective 1 September 1976. Teaching responsibilities include participation in the undergraduate and graduate programs. Preference will be shown to individuals with a broad background in biology and postdoctoral experience. Development of an active research program in some phase of eukaryotic genetics will be required.

Curriculum vitae and the names of three referees should be sent to **Dr. Charles Ray, Jr., Chairman of Search Committee, Department of Biology, Emory University, Atlanta, Georgia 30322, before 1 March 1976. An Equal Opportunity/Affirmative Action Employer.**

The Psychology Department at the University of Illinois, Urbana-Champaign Campus, is seeking a **DEPARTMENT HEAD** for fall 1976. The department has about 60 faculty, and is organized in seven divisions (Biological; Clinical; Developmental; Experimental; Personality and Social Ecology; Quantitative; and Social), each of which has active research and instructional programs at the undergraduate, master's, and doctoral levels.

Candidates must have demonstrated scholarly achievement and some administrative experience.

Applications will be considered until 1 March 1976. Applications, inquiries, and nominations should be addressed to:

**Professor Neal Rothman
Chairman, Search Committee
376 Altgeld Hall
University of Illinois
Urbana, Illinois 61801**

The University of Illinois is an Equal Opportunity/Affirmative Action Employer.

HEALTH SCIENCES

Liberal arts college, which takes seriously its Christian commitment and human development theme, desires faculty member in health sciences. Must have breadth in chemistry and biology; strong interest in teaching and advising. **Department of Health Sciences, Whitworth College, Spokane, Washington 99251. Equal Opportunity Employer.**

HUMAN ANATOMY AND PHYSIOLOGY

Assistant professor, starting September 1976. Primary duties will be teaching human anatomy and physiology for majors and nonmajors at the undergraduate level. Ph.D. and experience with human cadavers required. Must have strong interest in teaching; research activity encouraged. Application deadline: 15 February. Submit résumé and three letters of recommendation to **Dr. F. D. McCarthy, Department of Biological Science, California State College, Dominguez Hills, Calif. 90747. An Affirmative Action Employer.**

IMMUNOLOGY/MEDICAL MICROBIOLOGY: Applications are being accepted for a possible position beginning 15 September 1976. Applicants must be trained in immunology/medical microbiology with expertise in human genetics. Salary range: up to \$13,500 per academic year. Ph.D. required, assistant professor rank. Address inquiries to: **Dr. G. F. Larkin, Box 13, Department of Biological Sciences, Kent State University, Kent, Ohio 44242. Equal Opportunity/Affirmative Action Employer.**

IMMUNOLOGIST AND VIROLOGIST. Two full-time faculty positions at the assistant or associate professor levels are available in a developing program in medical microbiology. Appointments are to commence on or before 1 July 1976. Candidates for both positions must have the Ph.D. and well-established research and teaching abilities. Responsibilities will include development of high-quality teaching and research programs in the respective disciplines. Teaching duties will include courses for medical and graduate students. Courses developed will become part of a broad-based, university microbiology program. An immunologist with research interests in cellular immunology will be given preference. A virologist with research interests in mammalian viruses and host-viral interaction at the molecular or cellular level will be given preference. Send curriculum vitae and a list of three references to: **Dr. James N. Adams, Coordinator, Medical Microbiology, School of Medicine, University of South Carolina, Columbia, S.C. 29208. The University of South Carolina offers Equal Opportunity in its employment, admissions, and educational activities, in compliance with Title IX and other civil rights laws.**

POSITIONS OPEN

The Department of Entomology, University of Illinois, is seeking an

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who works from a broad taxonomic base, and who has a broad comparative approach to the study of evolution. A Ph.D. is required. The position is at the assistant or associate professor level; salary will be commensurate with experience. To apply, send, by 20 March 1976, your curriculum vitae and the names of at least three persons who will write letters of recommendation on your behalf, to **Dr. James G. Sternburg, Chairman, Systematist Search Committee, Department of Entomology, University of Illinois, Urbana, Illinois 61801.**

The University of Illinois is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and members of minority groups.

UNIVERSITY OF CALIFORNIA SANTA BARBARA DEPARTMENT OF BIOLOGICAL SCIENCES

Faculty position. Applications are sought from **MARINE BIOLOGISTS.** Appointment is anticipated at the assistant professor level, effective 1 July 1976 or later. Appointee is expected to establish a vigorous research program, augmenting and expanding the marine/aquatic interests of a large and broadly based department of biological sciences, well provided with special facilities for marine/aquatic research. Applicants with interests in microbiology and/or environmental biochemistry will be given particular consideration. Teaching is required at the undergraduate level in general biology or some field of biology compatible with the interests of the appointee, and at the graduate level in the appointee's area of specialized competence. We seek excellence in teaching and research.

Applications with curriculum vitae, list of publications, names of references, and summary of research interests, should be sent to: **Chairman, Department of Biological Sciences, University of California, Santa Barbara, California 93106.** Applications must be received by 15 March 1976. Letters of reference should not be sent until requested. *The University of California is an Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

MICROBIOLOGIST/VIROLOGIST

Applicants invited to assume direction of research program in virology and microbiology and to develop new original programs. Laboratories located in a primate facility in southwestern United States. We seek excellence in research with a capability of isolating and identifying viruses and microorganisms. Academic rank and salary depending on qualifications and experience. Interested applicants should immediately send inquiries and curriculum vitae to **Box 75, SCIENCE. An Equal Opportunity Employer.**

York College, City University of New York, **DEPARTMENT OF NATURAL SCIENCES:** plant physiology, ecology, and developmental biology, September 1976. Strong interest in undergraduate teaching and evidence of recent or current research activity. *Equal Opportunity/Affirmative Action.* Résumé and three references to: **Dr. Jack Schlein, Department of Natural Sciences, York College, City University of New York, Jamaica, New York 11451.**

PHARMACOLOGIST

Assistant professorship available August 1976 for Ph.D. Postdoctoral training or specialization in neuropsychopharmacology or toxicology preferred. A B.S. in pharmacy preferred but not required. Send curriculum vitae and have three letters of reference sent to: **Dr. V. D. Warner, Department of Medicinal Chemistry and Pharmacology, College of Pharmacy and Allied Health Professions, Northeastern University, Boston, Mass. 02115.**

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POSTDOCTORAL ASSOCIATE

Position available immediately for interdisciplinary research on electron spin resonance and ENDOR spectroscopy of biological molecules related to various aspects of cancer. Knowledge of protein and nucleic acid biochemistry helpful. Salary \$10,000 per year. Apply with résumé and names of references to **Dr. John D. Zimbrick, Department of Radiation Biophysics, University of Kansas, Lawrence, Kansas 66045. An Affirmative Action/Equal Opportunity Employer.**

POSITIONS OPEN

MICROBIOLOGIST/VIROLOGIST. The Department of Microbiology, Temple University School of Dentistry, invites applications for a position of assistant professor. Ph.D. or Ph.D./D.D.S.; 1 to 2 years of postdoctoral experience. Teaching duties involve dental, pharmacy, and oral hygiene students; applicants expected to develop vigorous research program. Virology and tissue culture expertise essential. Expertise in one or more of the following areas, in addition, highly desirable: electron microscopy, medical or clinical microbiology, immunology, or molecular biology. *Temple University is an Equal Opportunity/Affirmative Action Employer.* Send curriculum vitae to **Dr. Norman Willett, Department of Microbiology, Temple University School of Dentistry, 3223 North Broad Street, Philadelphia, Pa. 19140.**

POSTDOCTORAL POSITION

Carbohydrate biochemist, recent Ph.D. in biochemistry or plant physiology, interested in the biochemistry of plant cell walls. Experience in methylation analysis of polysaccharides desired. Available 1 April. Send résumé, including research experience, to **Dr. Lincoln Taiz, Thimann Labs, University of California, Santa Cruz, Santa Cruz, California 95064.**

POSTDOCTORAL POSITION: Available immediately for a biochemist to study steroid effects in cell cultures. Background in lipid biochemistry desirable but not essential. Application should be sent to **Dr. G. Melnykovich, Cell Biology Laboratory, Veterans Administration Hospital, 4801 Linwood Boulevard, Kansas City, Missouri 64128. An Equal Opportunity Employer.**

POSTDOCTORAL POSITION available immediately for research on chromosome replication, plasmid replication, or cell division in *Escherichia coli*. Send curriculum vitae, description of research interests, and references to: **Dr. C. E. Helmstetter, Department of Experimental Biology, Roswell Park Memorial Institute, Buffalo, New York 14263. An Equal Opportunity/Affirmative Action Employer.**

UC RIVERSIDE/UCLA PROGRAM IN BIOMEDICAL SCIENCES

New Faculty Position in Medical Microbiology/Virology

University of California, Riverside. Assistant Professor in the Department of Biology and in the UC Riverside-UCLA School of Medicine Program in Biomedical Sciences, available on or after 1 July, 1976 (see also *Science*, 1-9-76, p. 121). Applicants should have a Ph.D. degree in microbiology or a related field or an M.D. degree with equivalent experience in microbiology, and should have relevant postdoctoral experience. Their research interests should be in molecular virology, tumor virology, microbial or viral immunology, or related fields. Candidates must show evidence of ability to initiate and sustain a productive, high-quality research program and possess enthusiasm and skill for teaching at both the undergraduate and graduate levels. The person to be appointed will have as the primary assignment the teaching of medical microbiology to M.D. students in the Biomedical Sciences Program.

Applicants should submit a curriculum vitae, a statement on research and teaching goals, and have three letters of reference in their behalf sent to **Dr. Ernst A. Noltmann, Director, Program in Biomedical Sciences, University of California, Riverside, CA 92502.** The University of California is an Equal Opportunity/Affirmative Action Employer.

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POSTGRADUATE RESEARCH NEUROPHYSIOLOGIST: Brain Research Institute, UCLA, research program studying cerebellar and other CNS influences on epileptic and normal hippocampus. Candidate should have knowledge of electrophysiology, neuroanatomy, surgery, and animal experimentation (preferably monkeys). Knowledge of electronics and intracellular recording techniques preferred. Salary and appointment negotiable, starting date no later than 1 April 1976. Send inquiries with curriculum vitae to **Dr. Thomas L. Babb, Reed Neurological Research Center, University of California, Los Angeles, California 90024.** *An Affirmative Action/Equal Opportunity Employer*

SUPERVISORY CHEMIST

Coast Guard Research and Development Center, Groton, Connecticut. Functions as Chief of Chemistry Branch. Conceives, plans, and directs applied R & D programs in advanced chemistry currently involving the control and abatement of pollution in the marine environment with emphasis on oil pollution and hazardous polluting substances. Broad progressive education with advanced degrees in chemistry, or equivalent training and experience, is required as well as demonstrated or potential ability to direct professional and technical personnel in both laboratory and field research. Career civil service position. Salary \$26,800 to \$34,900. Submit SF-171, U.S. employment form, Personal Qualifications Statement, to **Chief, Administration Branch, Code SC, U.S. Coast Guard R & D Center, Avery Point, Groton, Conn. 06340.** Closing date: 5 March 1976. *Equal Opportunity Employer.*

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Harvard Medical School
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FELLOWSHIPS

PREDOCTORAL FELLOWSHIPS AND TRAININGS. Graduate student stipends (\$4150 plus tuition and fees for first year) are available for highly qualified students interested in an interdisciplinary program in **molecular cell biology.** Major areas of research by large (40) faculty include animal virology, bacterial, viral and somatic cell genetics, molecular and cell biology, biochemistry, cancer biology, cellular and developmental immunology, membrane biology, connective tissue immunochromatography and mucopolysaccharide metabolism, and x-ray crystallography. Contact: **Director of Molecular Cell Biology Graduate Program, Department of Microbiology, University of Alabama Medical Center, Birmingham, Alabama 35294.** *An Equal Opportunity Employer.*

POSTDOCTORAL FELLOWSHIPS IN REPRODUCTIVE BIOLOGY

A small number of 1- or 2-year fellowships will be available, beginning in the summer or fall of 1976. Areas of research include dynamics of steroid hormone distribution and metabolism, uterine protein secretion, and neurotransmitter control of gonadotropin secretion. Applications should include a complete curriculum vitae, a statement of the applicant's research interest and aims, and three letters of recommendation, and should be addressed to **Dr. R. B. Billiar or Dr. B. Little, Department of Reproductive Biology, Case Western Reserve University, Cleveland, Ohio 44106.**

POSTDOCTORAL FELLOWSHIPS now available for 1 to 3 years duration in interdisciplinary research training in toxicology. Open to those holding an M.D., D.V.M., or Ph.D. who are U.S. citizens or permanent residents. Send résumé and curriculum vitae to:

Dr. Ira Rosenblum
Administrative Director
Institute of Comparative and Human Toxicology
Albany Medical College
47 New Scotland Avenue
Albany, New York 12208

POSTDOCTORAL FELLOWSHIP IN DEVELOPMENTAL NEUROBIOLOGY

Applications are invited from persons with the Ph.D. or M.D. degree for research training in methods dealing with the postnatal development of the nervous system and behavior in animals. Multidisciplinary research is concerned with normative studies of neurobiological development and the effects of various experimental and environmental treatments on the maturation of brain and behavior. Send résumé and references to **Dr. Joseph Altman, Laboratory of Developmental Neurobiology, Department of Biological Sciences, Purdue University, West Lafayette, Indiana 47907.**

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POSTDOCTORAL FELLOWSHIPS IN CANCER IMMUNOLOGY

Two fellowships, \$12,000 each, sponsored by United Order True Sisters, to conduct research at the Basic Research Program, Frederick Cancer Research Center, on the biology of carcinogenesis and the immunobiology of neoplasia. Major areas of current activity: (i) Biochemistry and Ultrastructure of Tumor Cell Surfaces, (ii) Biology of Metastasis, (iii) Host-Tumor Interaction, (iv) Immunobiology of Viral Carcinogenesis, (v) Immunobiology of Chemical and Physical Carcinogenesis, and (vi) Molecular Genetics. Fellows full-time in research and administratively affiliated with Hood College. Completed applications must be received by 1 April 1976 to be considered for appointment effective July or September 1976. Application forms may be obtained from **Dr. M. G. Hanna, Jr., Director of Basic Research, Frederick Cancer Research Center, P.O. Box B, Frederick, Maryland 21701.**

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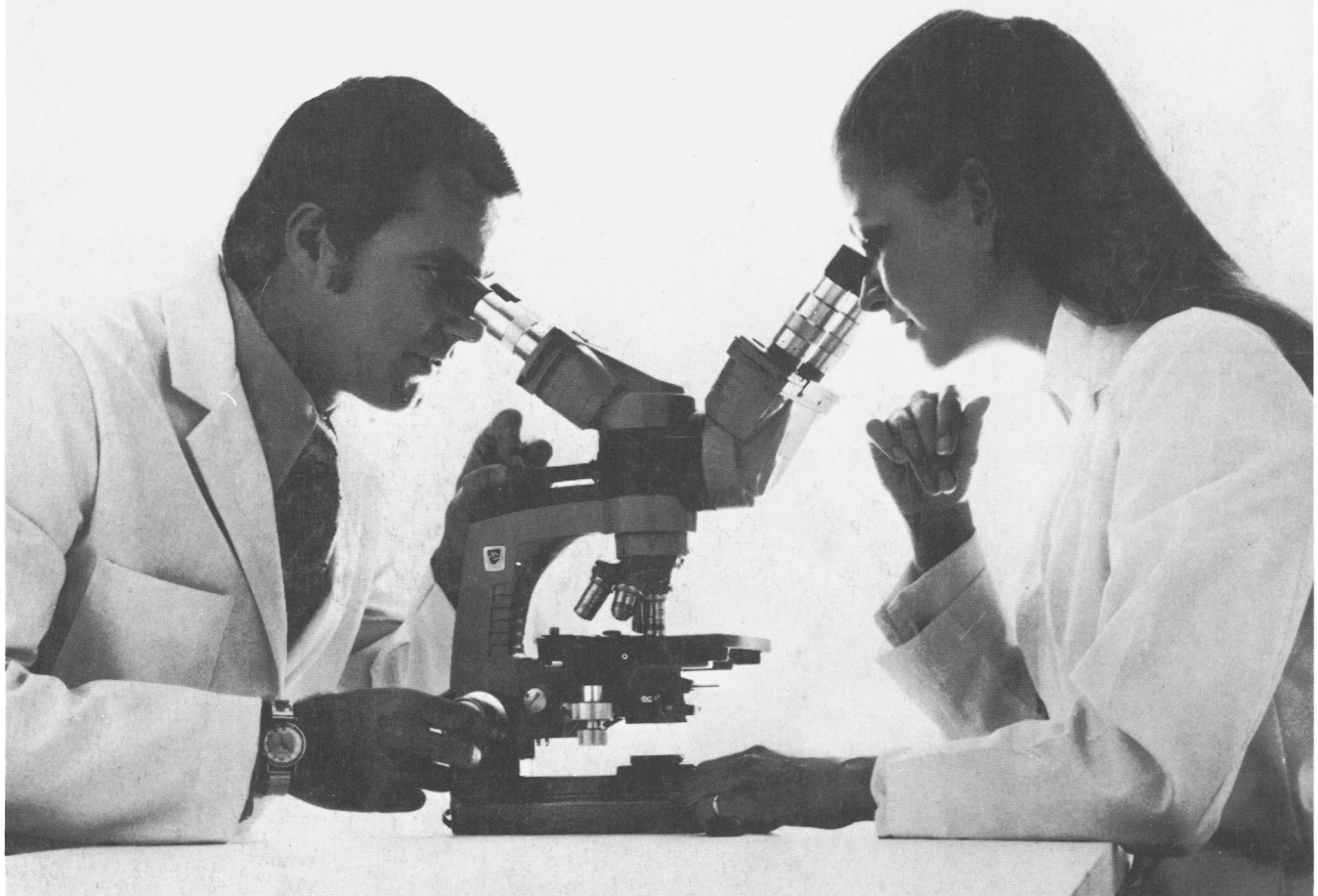
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